REMARKS

Status of the Claims

Claims 1-10 are currently pending. In the subject Office Action, claims 1, 5, 6 and 8 were rejected under 35 U.S.C. §102(e) based on U.S. Application Publication No. US 2003/0114177 to Sinnarajah *et al.* (hereinafter the "Sinnarajah" reference). Additionally, claims 2, 4 and 9 were rejected under 35 U.S.C. §103(a) based on Sinnarajah in view of U.S. Application Publication No. US 2002/0010683 to Aune. Finally, claims 3, 7 and 10 were rejected under 35 U.S.C. §103(a) based on Sinnarajah in view of U.S. Patent No. 5,918,177 to Corriveau *et al.*

The Applicants respectfully traverse the pending rejections, and present the following remarks in support of the traverse.

Sinnarajah

Claims 1, 5, 6 and 8 were rejected by the Examiner under 35 U.S.C. §102(e) based on U.S. Application Publication No. US 2003/0114177 to Sinnarajah *et al.*. Additionally, dependent claims 2, 3, 4, 7, 9 and 10 are currently rejected under 35 U.S.C. §103(a) based upon the Sinnarajah reference in view of other references. The Sinnarajah reference, however, does not disclose each and every element of any of independent claims 1, 5, and 8, and therefore does not anticipate any of claims 1-10.

Each of independent claims 1, 5, and 8 recite a "service identifier" that identifies a service and a "paging identifier" that is determined "by applying a hash function to a data string including at least part of the unique service identifier." Claims 1 and 5 further require "transmitting a paging message incorporating said paging identifier to the wireless stations," where such transmitting is conducted "prior to transmitting information pertaining to the service over a broadcast channel." Claim 8 requires that a wireless station receive "a paging message incorporating said paging identifier and, in response thereto," the wireless station switches "to reception over a broadcast channel to receive information pertaining to the service as transmitted from

the telecommunication network." The Sinnarajah reference does not disclose these elements.

The September 3, 2008 Office Action initially correlates the "unique service identifier" of the instant claims to an HSBS ID as described in the Sinnarajah reference at paragraph [0037] line 10. September 3, 2008 Office Action at p. 2. The Sinnarajah reference discloses that:

> [A]n identifier for each logical HSBS channel is required so that the subscriber station can map a content of a HSBS channel to the physical broadcast transmissions of HSBS channel, i.e., the subscriber station must distinguish, e.g., a movie HSBS form a news HSBS. Therefore, each HSBS channel has a unique identifier (HSBS ID), which links the HSBS Content/Service that the subscriber station has subscribed to and the corresponding physical broadcast transmissions. Consequently, the HSBS ID has end-to-end significance (that is, between a subscriber station and a Content Server). The value of HSBS ID is known through external means; that is, when subscriber station user subscribes to a broadcast content/service, the subscriber station user needs to obtain the HSBS ID corresponding to that HSBS channel.

Sinnarajah at paragraph [0037] lines 1-15. The HSBS ID is thus an identifier that relates to the content provided by an HSBS channel. The Sinnarajah reference, however, does not disclose a paging identifier that is determined by applying a hash function to a data string including at least part of the HSBS ID.

Instead, the Sinnarajah reference discloses a paging identifier that relates to a base station determining frequencies on which to transmit a page a subscriber station. Sinnarajah at claim 13 lines 5-7. The paging identifier disclosed in the Sinnarajah reference thus relates to the base station determining how to send a page, and not to the content of the paging message.

In contrast, independent claims 1, 5 and 8 of the instant application disclose a paging message that is transmitted to or received by a wireless station, where the paging message incorporates the paging identifier. Further, the paging identifier is determined "by applying a hash function to a data string including at least part of the unique service identifier."

Applicants note that the September 3, 2008 Office Action does not assert that the Sinnarajah reference discloses a paging identifier that is transmitted to or received

by a wireless station and is determined by applying a hash function to a data string including at least part of the HSBS ID.

Instead, the September 3, 2008 Office Action relies upon paragraph [0060] lines 25-29 of the Sinnarajah reference for disclosure of a hash function. As an initial matter, the Sinnarajah reference discloses that the "The subscriber station begins the idle state processing by receiving an overhead channel identified in the Sync channel message, and if a base station, which the subscriber station acquired supports multiple frequencies, both the subscriber station and the base station use a hash function to determine, which frequency to use for communication. The subscriber station and base station then use the hash function to determine a paging channel, which the subscriber station monitors." Sinnarajah at paragraph [0060] lines 21-29. The hash function thus disclosed in the Sinnarajah reference relates to determining a paging channel on which a subscriber station will receive paging messages, and is not utilized to determine a paging identifier that is incorporated into a paging message as required by independent claims 1, 5 and 8.

The Sinnarajah reference also discloses that "the hashing function accepts number of entities to hash, e.g., frequencies, paging channels, and the like and an international subscriber station identifier (IMSI) and outputs one entity." Sinnarajah at paragraph [0060] lines 29-33. In relying on Sinnarajah, the September 3, 2008 Office Action alters its construction of the term 'unique service identifier" with respect to this claim element, and applies it to the international subscriber station identifier (IMSI) without providing any reason or basis for doing so. September 3, 2008 Office Action at p. 2. The Sinnarajah reference does not disclose that the hashing function relates to the HSBS ID, which the September 3, 2008 Office Action initially construed as correlating to the "unique service identifier." September 3, 2008 Office Action at p. 2. Therefore, the Sinnarajah reference does not disclose a "service identifier" that identifies a service and a "paging identifier" that is determined "by applying a hash function to a data string including at least part of the unique service identifier," as recited in independent claims 1, 5, and 8 of the instant application.

Because the Sinnarajah reference does not disclose each and every element of independent claims 1, 5, and 8, the Applicants respectfully submit that the Sinnarajah

reference does not anticipate 1, 5, and 8, or any of the claims that depend therefrom. Applicant respectfully requests that the pending rejection under 35 U.S.C. §102(e) based on the Sinnarajah reference be withdrawn. Applicants also respectfully submit that the obviousness rejections of dependent claims 2, 3, 4, 7, 9 and 10 based upon combinations of the Sinnarajah reference in view of additional references have been rendered moot and should also be withdrawn.
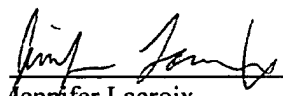
CONCLUSION

In view of the amendments and remarks presented above, the Applicant respectfully submits that claims 1-10 are in a condition for allowance.

Applicant believes that no fee is currently due in conjunction with this submission. The Commissioner is, however, hereby authorized to charge any fees that may be necessary, or credit any overpayment, to Deposit Account No. 18-2284, in the name of DLA Piper US LLP.

Respectfully submitted,

Dated: <u>December 3, 2008</u>

Jennifer Lacroix
Reg. No. 46,852
Attorney for Applicants

PATENT GROUP
c/o DLA Piper US LLP
203 North LaSalle Street, Suite 1900
Chicago, Illinois 60601-1293
312.368.7138 T
312.236.7516 F
Patentschgo@dlapiper.com